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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/759,444
	Filing Date	January 14, 2004
	First Named Inventor	Wu
	Group Art Unit	1753
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	HO002800 (4015)

ENCLOSURES <i>(check all that apply)</i>		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	David G. Latwesen, Ph.D. #38,533 Wells St. John P.S.
Signature	
Date	11/3/04

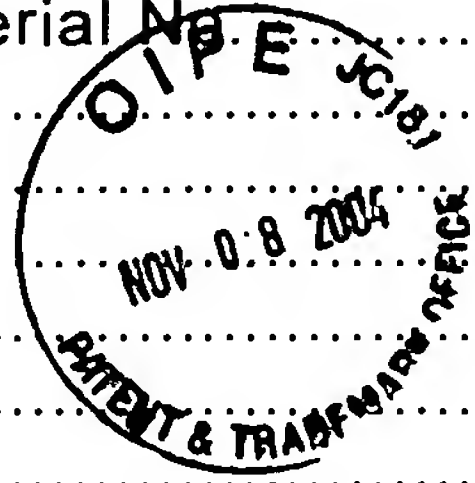
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HO57-448

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Serial No. 10/759,444
Filing Date January 14, 2004
Inventor Chi tse (Steve) Wu et al.
Assignee Honeywell International Inc.
Group Art Unit 1753
Examiner Unassigned
Attorney Docket No. HO002800 (4015)
Customer No. 021567
Title: Sputtering Targets, Sputter Reactors, Methods of Forming Cast Ingots, and
Methods of Forming Metallic Articles



INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

The attached form PTO-1449 is submitted in compliance with 37 CFR §1.56. Pursuant to 1276 OG 55, August 5, 2003, no copies of cited U.S. patents or U.S. patent application publications are included, as the date of filing of this patent application occurs after June 30, 2003.

This Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits. Therefore, no fee is believed to be required. However, in the event that a fee is required for filing this Information Disclosure Statement, please charge the fee specified under 37 C.F.R. § 1.17(p) to Deposit Account No. 23-0925.

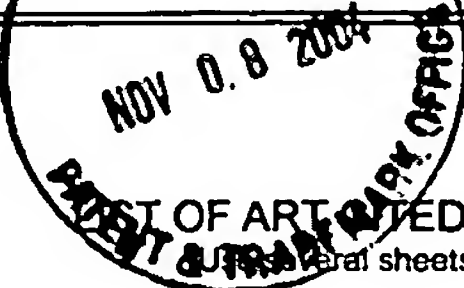
No admission is made regarding whether all the cited references are prior art.

Respectfully submitted,

Dated: 11/3/04

By: [Signature]

David G. Latwesen, Ph.D.
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Form PTO-1449				U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. HO002800 (4015)		SERIAL NO. 10759,444	
BEST OF ART CITED BY APPLICANT <small>(Draw line through citation if not in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.)</small>						APPLICANT Chi tse Wu et al.			
						FILING DATE January 14, 2004		GROUP 1753	
U.S. PATENT DOCUMENTS									
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
	AA	3,786,855	01/74	Saito et al.					
	AB	4,463,797	08/84	Berg					
	AC	5,087,297	02/92	Pouliquen					
	AD	5,360,496	11/94	Kuhlman et al.					
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	AF	6,139,701	10/00	Pavate et al.					
	AG	6,197,134 B1	03/01	Kanzaki et al.					
	AH	6,251,242 B1	06/01	Fu et al.					
	AI								
	AJ								
	AK								
	AL								
FOREIGN PATENT DOCUMENTS									
		Document Number	Date	Country	Class	Subclass	Translation		
							Yes	No	
	AM	US 01/ 45650	10/01	PCT Search Report					
	AN	WO 01/ 29279 A1	04/01	PCT					
	AO	2001 240949	09/01	Japan – Abstract					
	AP								
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)									
	AQ		Pilushenko, V.L. et al., "Influence of Mechanical Oscillations on Structure Formation of Flat Castings During Metal Solidification", Steel in Translation, Vol. 23, No. 2, 1993, pp. 31-33.						
	AR		Leger, M-T. et al., "Affinement du Grain de Solidification par Vibration Mecanique Application a L'Acier Inoxydable Austenitique", Fonderie, Fondateur d'Aujourd'hui, Editions Techniques des Industries de la Fonderie, Paris, FR, No. 162, (Feb. 1, 1997), pp. 20-24, 37-41.						
	AS		DeGarmo, E.P., "Materials and Processes in Manufacturing", 6 th ed. 1984 MacMillan, New York, pp. 351-352.						
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